

(SUBMIT IN TRIPLICATE)

Indian Agency San Antonio

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Alonso Reginald M. King

License No. 100-1074

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER QUALITY
NOTICE OF INTENTION TO CHANGE PLAN	SUBSEQUENT REPORT OF CHANGES IN ADDRESS
NOTICE OF INTENTION TO TEST WATER (EFT-OF)	SUBSEQUENT REPORT OF ALTERING (EFT-OF)
NOTICE OF INTENTION TO REPAIR OR IMPROVE WELL	SUBSEQUENT REPORT OF REPAIRS OR IMPROVEMENTS
NOTICE OF INTENTION TO SHUT OR ABANDON	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CABLE	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(Indicate above by check mark nature of report, notice, or other action)

Well No. 68 is located 700 ft. from N line and 1400 ft. from E line of sec. 34
NE 1/4 34 23N 3 W NE 1/4 34
(of Sec. and Sec. 34) (Twp.) (Range) (Section)
San Antonio New Mexico
(State) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ ft.

DETAILS OF WORK

(Give names of and reported depths to obstructions, also plan, weights, and lengths of proposed casing, location of existing jobs, connecting points, and all other important proposed work)

Total depth 2920 Picture Cliff's formation
5-1/8 surface pipe cement by Halliburton 94'
1/2 casing cement by Halliburton to 2920'
Perforate sand and Free.

2920 IN 12.5 SCF.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company _____

Address Box 645

Albuquerque, N. M.

By _____

Title _____



LTR



Job separation sheet

OPEN FLOW TEST DATA

Date: November 2, 1960

Operator: H. J. FARRANCE

Lease: THOMPSON 6 Y

Location: 2/4 35/4 34 - 231 - 30

County: SANDOVAL State: NEW MEXICO

Formation: P 6

Pool: SALLADO

Casing: _____ " Set @ _____ ' Tubing: _____ " Set @ _____

Pay Zone: _____ ' To: _____ ' Total Depth: _____

Choke Size: 3/4 IN " Choke Constant = C = 14,1605

Stimulation Method: _____ Flow Through: Casing _____ Tubing 1

Shut-in Pressure Casing: 742 psig / 12 = 733 psia (Shut-in 1 days)

Shut-in Pressure Tubing: 741 psig / 12 = 733 psia

Flowing Pressure: P : 297 psig / 12 = 288 psia

Working Pressure: P_w : 292 psig / 12 = 284 psia

Temperature: T : 97 °F / 460 = 517 °Absolute

F_{pv} (from tables) : _____ Gravity 670 n 85

$$\text{Choke Volume} = Q = C \times P_c \times F_t \times F_g \times F_{pv}$$

$$14,1605 \times 288 \times 1.0029 \times .9463 \times 1.030$$

$$Q = \underline{3724} \text{ MCF/D}$$

Open Flow - Aof = Q

Aof =

Aof =

$$\left[\frac{P_c^2 - P_w^2}{P_c^2} \right]^n = 2.4024$$

$$\left[\frac{733^2 - 284^2}{733^2} \right]^n = 2.4024$$

$$\left[\frac{537,009}{537,009} \right]^n = 2.4024$$

$$\left[\frac{202,193}{537,009} \right]^n = 2.4024$$

$$\left[\frac{202,193}{537,009} \right]^n = 2.4024$$

$$\underline{2746} \text{ MCF/D}$$

Tested By: Don Burton

Witnessed By: _____

Geolantic, Inc.

[Signature]

